

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004695**Date Inspected:** 20-Nov-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Hu Gui Hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Assembly**Summary of Items Observed:**

On this date, Caltrans Office of Structure Materials (OSM) Quality Assurance Inspector (QA) Aaron Wintrich was present at jobsite in Zhenhua Port Machinery Company (ZPMC) facility on Changxing island, China for the purpose of observing and monitoring the fabrication of the SAS Superstructure.

Location: OBG West Assembly in Shop Bay 2

The QA Inspector randomly observed ZPMC personnel utilizing a grinder in order to prepare material prior to welding. This was located on 4BW longitudinal diaphragm at panel point (PP) number 26 on side E7.

The QA Inspector randomly observed ZPMC personnel performing flux core arc welding (FCAW) on floor beam vertical stiffener plates that were previously removed due to misalignment between the connection plates. The welding position was vertical in the upward progression and located at PP26.

The QA Inspector randomly observed ZPMC personnel performing back gouging functions utilizing the carbon air arc cutting (CAC) method. This was located on floor beam stiffener plates on PP20 of segment 3AW.

Summary of Conversations:

No significant conversations were made on this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By: Wintrich,Aaron

Quality Assurance Inspector

Reviewed By: Cuellar,Robert

QA Reviewer